

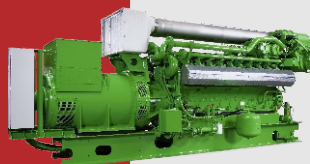
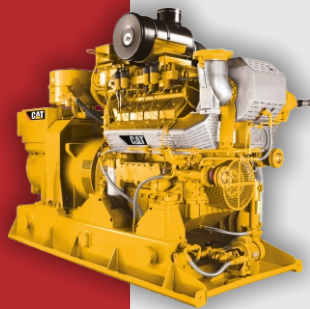
# DM 9600 - CHP -

## Precision - Manometer for numerous\* pressure-, differential pressure- and temperature-measurements at CHP plants

\*engine inlet pressure, boost pressure, intercooler differential pressure, oil-/water pressure, crankcase pressure, exhaust back pressure



- Data transfer via Bluetooth to App
- Long-term stable pressure sensor with a range of up to 7 bars (100 psi)
- Optional external pressure transmitter for pressures up to 10 bars (145 psi)
- Twin K-type thermocouple sockets for temperature measurements
- Optional gas leakage detector
- Modern, rugged unit w/ bluetooth, colour touch screen, USB, SD-Card, etc.



### DM9600 CHP - Set

complete in a practical transport case,  
incl. ext. pressure transmitter and  
pressure hose

# DM 9600 - CHP - Precision - Manometer

## Key Features & Functions

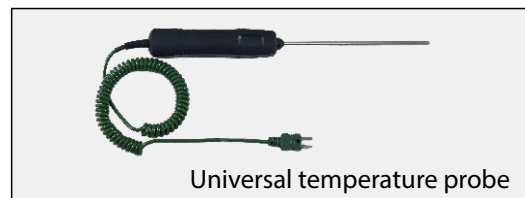
- Electronic, long-term stable pressure sensor for up to 7 bars (100 psi)
- Twin K-type (NiCrNi) thermocouple temperature sockets
- Indication in hPa / mbar / bar / psi / mmHg / inchHG / cmH2O / inchH2O
- Temperature indication optionally as °C or °F
- Bluetooth for wireless data transfer to MRU4u app (Android & iOS)
- AUX connector for external pressure transmitter or gas sniffer
- USB interface for cable data transfer and battery charger
- Internal data storage for thousands of measurements!
- High volume data storage to SD card (CSV format)
- Min/Max recording, programable average value
- Automatic and continuously monitoring of pressure/negative pressure
- Stainless steel fast coupling connectors
- Brilliant 2,8" TFT touchdisplay
- Glas-fiber reinforced housing with integrated magnets
- High energy Li-Ion battery, Auto-Off-Function
- Wall plug battery charger (EU only) with USB cable



Gas leakage detector



Ext. pressure transmitter



Universal temperature probe



Speedprinter

## Technical Data

Parameter	Range	Accuracy
Engine inlet pressure	100 ... 200 mbar	± 1 mbar or 1 % reading
Boost pressure	1 ... 4 bar	± 1 mbar or 1 % reading
Intercooler differential pressure	200 ... 500 mbar	± 1 mbar or 1 % reading
Exhaust back pressure	20 ... 200 mbar	± 1 mbar or 1 % reading
Crankcase pressure	0 ... 200 mbar	± 1 mbar or 1 % reading
Oil-/Water pressure (ext. transmitter)	1 ... 9 bar	± 20 mbar or 1 % reading
Temperature	0 ... 1.000 °C	± 1 °C or 1 % reading
Gas leakage	5 ... 10.000 ppm/ 20...100% LEL	n. a.
Temperature variation	0 ... 50°C	± 0,5%

### General technical data

Display	2.8" colour TFT, touchscreen
Measuring units	mbar/ bar/ hPa/ psi/ mmHg/ inchHG/ cmH2O/ inchH2O
Max. Pressure range	internal sensor: 0...7 bar(100psi) / external sensor: 10 bar (145 psi)
Zero point	automatic
Temperature	two K-type (NiCrNi) sockets
AUX socket	for ext. pressure transmitter and leakage detector
Interfaces	Mini-USB, Bluetooth, IR for printer, µ-SD card
Data storage	internally 10.000 data sets or ext. µ-SD card
Data transfer	to MRU4win PC-software or MRU4u App
Internal power supply	Li-Ion battery for appr. 20h mains free operation
Mains power supply	wall plug USB-charger 100...240 Vac, 50...60 Hz
Dimensions / Weight	82x169x36mm / appr. 400 g



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